ExploratoryQuestions.pdf

Main Idea: How are educational outcomes affected by funding levels in New York State?

Draft Questions:

1. Districts with the most funding/population? [Bar Chart]
2. How is funding distributed? Population / Ethnicity? [Pie Chart]
   a. Percentage of districts that get federal funding vs ones that don't. Why?
   b. How do the districts that received federal funding compare to the ones that didn't?
      i. Graduation Rate
      ii. Drop Out Rate
3. Is there a correlation between educational funding and Median Income per household? Unemployment? Graduation Rate? Dropout Rate? [Correlation Chart]
4. Are there any discrepancies between ethnic groups in comparison to funding. Are districts that have a higher percentage of African American, Hispanic, or Asian student enrollments receiving less funding?
5. Heat map showing districts with most funding that can be zoomed out into counties zoomed into zip codes? Filter – Median Income / Graduation Rate / Drop Out Rate

ML – Predicting Graduation Rate based on funding, income, and ethnicity. [ROUGH IDEA] Do it over multiple years worth of data